

# PATENT ABSTRACTS OF JAPAN

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(21)Application number : 06-054248 (71)Applicant : MATSUSHITA ELECTRIC IND CO LTD

(22)Date of filing : 25.03.1994 (72)Inventor : NARUO NOBORU OYABU HAJIME

## (54) COFFEE MAKER

### (57)Abstract:

**PURPOSE:** To adapt a general household coffee maker to control astringency with a filter portion disposed under a coffee extracting portion, the filter portion housing activated carbon having a specific average pore diameter as adsorbent for polymeric brownish black ingredients.

**CONSTITUTION:** A filter portion 7 with a built-in adsorbent 8 is disposed under a coffee extracting portion. When polymeric brownish black ingredients are to be removed, pitch activated carbon having a pore capacity of 0.1ml/g or greater with an average pore diameter of 30-100&angst; is used for the adsorbent 8 in the filter portion 7. Further, the adsorbent 8 is wrapped at its upper and lower surfaces with wire gauze or the like made of metallic mesh which does not pass the adsorbent 8 but passes coffee extract, and the side surfaces of the adsorbent and a guide portion 9 are formed with stainless steel or the like which does not pass the extract. Also, when caffeine is to be removed, palm shell activated carbon with almost an average pore diameter of 10&angst; and with a pore capacity of 0.35ml/g or greater is used for the adsorbent 8.



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